Philips
LED monitor with
SmartImage Lite

E-line

19" / 48.3 cm

190E3LSU

Elegant display enhances your viewing experience

Experience awesome LED pictures with natural colors. The elegant design with translucent blue bezel and SmartImage Lite makes it a great choice!

Great picture quality
- LED technology for natural colors
- SmartContrast 20000000:1 for incredible rich black details
- SmartImage Lite for an enhanced LCD viewing experience

Design that complements any interior
- Sleek, elegant design complements your home decor
- Translucent blue bezel with glossy finish
- Modern Touch controls

Greener everyday
- Mercury Free eco-friendly display
- Eco-friendly materials that meets international standards

Great convenience
- Easy display performance tuning with SmartControl Lite
- Easy picture format control switching in wide and 4:3 format

PHILIPS
sense and simplicity

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Highlights

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

SmartImage Lite

SmartImage Lite is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

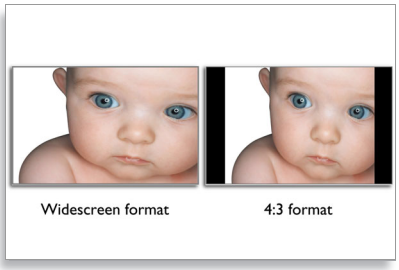
SmartContrast ratio 20000000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

Touch controls

Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch,Touch control gives the monitor a modern feel

Easy picture format control



Philips easy picture format control on OSD is to switch from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content for working with wide documents without scrolling or viewing widescreen media in the widescreen mode and distortion-free, native mode display of 4:3 ratio content.

SmartControl Lite

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune most parameters of the monitor like Color, Brightness, screen calibration, Multi-media, ID management, etc with the mouse.

Eco-friendly materials

"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely. Visit Philips @ http://www.asimpleswitch.com/global/ to learn more.

Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances which affects humans and animals. This allows for a eco-friendly display through out its life-cycle from manufacturing to disposal.

SmartImage Lite
LED
20,000,000:1 SmartContrast
Touch control
5ms
Slim design
Hg Free
Compatible with Windows 7

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Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 19 inch / 48.3 cm
- Effective viewing area: 408.2 (H) x 255.15 (V)
- Aspect ratio: 16:10
- Optimum resolution: 1440 x 900 @ 60Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- SmartContrast: 20,000,000:1
- Contrast ratio (typical): 1000:1
- Pixel pitch: 0.283 x 0.283 mm
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Picture enhancement: SmartImage Lite
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analog)
- Sync Input: Separate Sync, Sync on Green

Convenience
- User convenience: SmartImage lite, 4:3 / Wide, Brightness, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7

Stand
- Tilt: -5/+20 degree

Power
- On mode: 14.5 W (EnergyStar 5.0 test method)
- Standby mode: 0.5 W
- Off mode: 0.5 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in

Dimensions
- Product with stand (mm): 464 x 391 x 200 mm
- Product without stand (mm): 464 x 321 x 41 mm
- Packaging in mm (WxHxD): 508 x 472 x 104 mm

Weight
- Product with stand (kg): 3.19 kg
- Product without stand (kg): 2.80 kg
- Product with packaging (kg): 4.45 kg

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- Temperature Range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80 %
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: EnergyStar 5.0, EPEAT Silver, RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SEMKO, TUV Ergo, TUV/GS, UL/cUL, TCO certified, PSB, SASO, WEEE

Cabinet
- Color: Black/ Blue tint
- Finish: Glossy

Issue date 2012-03-06

Version: 3.0.2

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